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Dated: 2/9/04 Signature: Diane Bergin  
(Diane Bergin)

Docket No.: 61179-00005USPX  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Mario Scurati

Confirmation No.: 2872

Application No.: 10/663239

Art Unit: N/A

Filed: September 16, 2003

Examiner: Not Yet Assigned

For: MICROPUMP FOR INTEGRATED DEVICE  
FOR BIOLOGICAL ANALYSES

**FIRST PRELIMINARY AMENDMENT**

MS Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

Prior to examination on the merits, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Amendments to the Drawings** begin on page 4 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on page 5 of this paper.

An **Appendix** including amended drawing figures is attached following page 5 of this paper.